

to meet the anterior spine of the third joint, a row of three small blunt spines on the inferior angle. Superior margin of distal extremity of last four pairs of legs armed with a spine.

Abdomen very coarsely granulated and punctate. Tail, especially the telson, armed with small spines; telson rounded at the extremity. Anterior margin of each segment of the abdomen produced into a very prominent spine, backed by three or four teeth.

Whole animal destitute of hair, with the exception of the pedipalps and the inferior surface of the terminal joint of each pair of legs.

Colour reddish brown, tinged in many places with yellow. Length 24 inches; circumference of carapace $21\frac{1}{2}$ inches.

Distinguished from *P. Hugelii* by its much larger size, by the beak, supraorbital, and antennal spines being turned upwards, by the telson being less triangular, and rounded instead of scarped.

IV.—*Additions to the List of New-Zealand Marine Mollusca*. By THOMAS W. KIRK, Assistant in the Colonial Museum, N. Z.

Dentalium Huttoni, sp. nov.

Shell white, lustrous; small, curved, rapidly tapering, ribbed, ribs unequal, about eighteen at the anterior end, but diminishing in number towards the apex. Length $\cdot63$ inch, breadth $\cdot1$ inch at the anterior end.

Hab. Wellington.

Named after Prof. Hutton, to whose exertions students of conchology in New Zealand are greatly indebted.

Dentalium ecostatum, sp. nov.

Shell white; nearly straight, smooth, gradually tapering, faintly, distantly, transversely striated. Length $\cdot6$ inch; breadth $\cdot07$ inch at the anterior end.

Hab. Waikanae.

Scalaria wellingtonensis, sp. nov.

Shell white, lustrous; acuminate, imperforate; whorls nine, rounded; varices numerous, thin, about seventeen on the body-whorl; interstices smooth; aperture subrotund. Length $\cdot4$ inch.

Hab. Wellington.

Cylichna zealandica, sp. nov.

Shell white; strong, smooth, faintly longitudinally striated; aperture produced above the spire. Length $\cdot35$ inch.

Hab. Waikanae.